

**FORM PTO-1449**

**U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE**

ATTY. DOCKET NO.

**SERIAL NO.**

Hutch. VLA4 FWC

08/338.282

### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**APPLICANT**  
Elizabeth A. Wayner

FILING DATE

November 14, 1994

**GROUP**

1806 1816

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

**EXAMINER  
INITIAL**

Knapp, Leukocyte Typing IV: White Cell Differentiation Antigens, 1989 Inst. for Immunology, University of Vienna 1087.

Marcantonio, E.E. and R.O. Hynes, "Antibodies to the Conserved Cytoplasmic Domain of the Integrin  $\beta$ -1 Subunit React With Proteins in Vertebrates, Invertebrates and Fungi," J. Cell Biol., 106, pp. 1765-1772 (1988).

Osborn, L. et al., "Direct Expression Cloning of Vascular Cell Adhesion Molecule 1, a Cytokine-Induced Endothelial Protein That Binds to Lymphocytes," Cell, 59, pp. 1203-1212 (1989).

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Stamper, H.B. and J.J. Woodruff, "Lymphocyte Homing Into Lymph Nodes: In Vitro Demonstration Of The Selective Affinity Of Recirculating Lymphocytes for High Endothelial Venules," J. Exp. Med., 144, pp. 828-833 (1976).

Takada, Y. and M.E. Hemler, "The Primary Structure of the VLA-2/Collagen Receptor  $\alpha^2$  Subunit (Platelet GPIa): Homology to Other Integrins and the Presence of a Possible Collagen-binding Domain," J. Cell Biol., 109, pp. 397-407 (1989).

**EXAMINER**

PHILLIP GRIMMEL 12/13/91

**DATE CONSIDERED**

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

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**Elizabeth A. Wayner**

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U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

TRANSLATION

[illegible]

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

[illegible]

**EXAMINER**

PHILLIP GAMBEL

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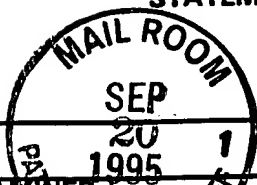
**Elizabeth A. Wayner**

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1816



**U.S. PATENT DOCUMENTS**

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## FOREIGN PATENT DOCUMENTS

## TRANSLATION

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
<div style="border: 2px solid black; border-radius: 50%; padding: 20px; display: inline-block;">           Duplicate         </div>						

~~OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)~~

Dustin, M.L. and T.A. Springer, "Lymphocyte Function-associated Antigen-1 (LFA-1) Interaction with Intracellular Adhesion Molecule 1 (ICAM1) is One of at Least Three Mechanisms for Lymphocyte Adhesion to Cultured Endothelial Cells," J. Cell Biol., 107, pp. 321-333 (1988).

Erlikson, H.P. et al., "Fibronectin Molecule Visualized In Electron Microscopy: A Long, Thin, flexible Strand," J. Cell Biol., 91, pp. 673-678 (1981).

Harlan, "Leukocyte-Endothelial Interactions," Blood, 65, pp. 513-525 (1985).

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12/13/95 PHILIP GAMBER

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